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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/052,446

01/17/2002

Lop Ng

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7590

11/15/2005

Tarek N. Fahmi
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
Seventh Floor
12400 Wilshire Boulevard
Los Angeles, CA 90025-1026

EXAMINER

LEE, CHI HO A

ART UNIT

PAPER NUMBER

2663

DATE MAILED: 11/15/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

ASN

Office Action Summary	Application No.	Applicant(s)	
	10/052,446	NG ET AL.	
	Examiner	Art Unit	
	Andrew Lee	2663	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 17 January 2002.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-32 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-32 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date <u>8/12/03</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1-6, 8-17, 19-24, 26-31 are rejected under 35 U.S.C. 102(e) as being anticipated by Knappe et al U.S. Patent Number 6,850,496.

Re Claims 1, 19, 26, Fig. 14 teaches a MCU 142 conferencing plurality of endpoints A-C. Figures 13A & B details the MCU to include a Packet Multiplexer 178 (a multiplexing device) for receiving data from endpoint A (a first party); 178 also receives data from endpoint B (a second party) into a Jitter Buffer 90 (a first jitter buffer), via Encoder 168 (processing the data from the second party); 178 further receives data from endpoint C (a third party) into a Jitter Buffer 90 (a first jitter buffer), via Encoder 170 (processing the data from the third party); the MCU includes plurality of output ports to be coupled to each endpoints (sending data from...multiplexing device...to first/second/third output device) (See col. 12, lines 15-65).

Re Claims 2-4, 13-15, 20-22, 27-29, refer to Claim 1, wherein the data is packetized voice data.

Re Claims 5, 11, 16, 23, 30, refer to Claim 1, wherein the function of the Multiplexer collectively with the Mixers.

Re Claims 6, 17, 24, 31, refer to Claim 1, wherein the endpoints are conferencing (a three way phone call).

Re Claim 8, figures 13A & B teaches the MCU includes jitter buffer (a jitter buffer logic block) for receiving plurality of voice packet data from endpoints (a multi-stream voice application); 178 (a multiplexing logic block) for multiplexing the voice data packets; 80 Network interface 80 (a output lock block) for interfacing the packet network.

Re Claims 9, 10, refer to claim 8.

Re Claim 12, refer to Claim 1, fig. 13A teaches a Controller 88 (a processor) that can be administered for providing sector mapping instructions (storage...a software code...compliant routines) wherein the instruction are stored in a memory.

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 7, 18, 25, 32 are rejected under 35 U.S.C. 103(a) as being unpatentable over Knappe et al U.S. Patent Number 6,850,496 in view of Kung et al U.S. Patent Number 6,816,469.

Art Unit: 2663

Re Claims 7, 18, 25, 32, Knappe et al fails to explicitly teach "a call-waiting feature". However, Kung et al teaches a conferencing system that enables call-waiting callers to dynamically join in an existing multiple-party conference. One skilled in the art would have been motivated by Kung et al to include "call-waiting feature" into the teaching of Knappe et al to enable dynamic joining to a existing conference call. Therefore, it would have been obvious to one ordinary skilled to combine the teachings.

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Andrew Lee whose telephone number is 571-272-3130. The examiner can normally be reached on Monday to Friday from 8:30AM to 6:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ricky Ngo can be reached on 571-272-3139. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

AI
11/10/05

ANDY LEE
PATENT EXAMINER

